

Datasheet for ABIN7561658
EDG4 Protein (AA 1-348) (His tag)



[Go to Product page](#)

Overview

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| Quantity: | 1 mg |
| Target: | EDG4 (LPAR2) |
| Protein Characteristics: | AA 1-348 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This EDG4 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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| Purpose: | Custom-made recombinat Lpar2 Protein expressed in mammalian cells. |
| Sequence: | <p>MGQCYNETI GFFYNNSGKE LSLHWRPKDV VVVALGLTVS VLVLLTNLLV IAAIASNRRF HQPIYYLLGN LAAADLFAGM AYLFLMFHTG PRTARLSIKG WFLRQGLLDT SLTASVATLL AIAVERHRSV MAVQLHSRLP RGRVVTIVG VWAAALGLGL LPAHFWHCLC DLDSCSRMVP LFSRSYLA AW ALSSLLVFLL MVAVYTRIFF YVRRRVERMA EHV SCHPRYR ETTLSLVKTV VIILGAFVVC WTPGQVVLLL DGLDCKSCNV LA VEKYFLLL AEANSLVNAV VYSCRDAEMR RTFRLLCCM CLRWSSHKSA RYSASAQTGA STRIMLPENG RPLMDSTL Sequence without tag.</p> <p>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p> |
| Characteristics: | Key Benefits: |

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
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| Grade: | custom-made |
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Target Details

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| Target: | EDG4 (LPA2) |
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| Alternative Name: | Lpar2 (LPA2 Products) |
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| Background: | Lysophosphatidic acid receptor 2 (LPA receptor 2) (LPA-2) (Lysophosphatidic acid receptor Edg-4),FUNCTION: Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. Seems to be coupled to the G(i)/G(o), G(12)/G(13), and G(q) families of heteromeric G proteins. Plays a key role in phospholipase C-beta (PLC-beta) signaling pathway Stimulates phospholipase C (PLC) activity in a manner that is independent of RALA activation (By similarity). {ECO:0000250}. |
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| Molecular Weight: | 39.0 kDa |
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| UniProt: | Q9JL06 |
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Application Details

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| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
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Application Details

Restrictions: For Research Use only

Handling

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| Format: | Liquid |
| Buffer: | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. |
| Expiry Date: | 12 months |